### INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 2005/000024

#### A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A01K 5/02, G01N 21/35 // A23K 001/00 According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

#### IPC7: A01K, A23K, G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

### SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

### EPO-INTERNAL, WPI DATA, PAJ

| C. DOCU   | MENTS CONSIDERED TO BE RELEVANT   |                      |
|-----------|---|----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No |
| х         | WO 8302158 A1 (BUDAPESTI MUSZAKI EGYETEM ET AL),<br>23 June 1983 (23.06.1983), claim 10,<br>abstract                                | 1-8,10-23,<br>25,26  |
|           | <b></b>   |                      |
| х         | US 6008053 A (WILLIAMS), 28 December 1999<br>(28.12.1999), column 1, line 15 - line 53  | 1-8,10-23,<br>25,26  |
|           | <del></del>   | }                    |
| X         | EP 1188382 A1 (AVENTIS ANIMAL NUTRITION S A), 20 March 2002 (20.03.2002), column 4, line 16 - line 30, claims 10,14,15,20,23, fig 2 | 1-8,10-23,<br>25,26  |
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| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  March 2005  "C" adocument of particular relevance the claimed invention cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family  Date of the actual completion of the international search  2 2 -04- 2005  |                                      |  |                                |  |  |  |  |
|--|--------------------------------------|--|--------------------------------|--|--|--|--|
| document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  30 March 2005  Name and mailing address of the ISA/  Swedish Patent Office  Box 5055, S-102 42 STOCKHOLM  date and not in conflict with the application but cited to understant the prioriple or theory underlying the invention and the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "X"  document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is taken alone  "V"  document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is taken alone  "V"  document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is actual invention cannot be considered to involve an inventive step when the document is actual considered to involve an inventive step when the document is actual considered to involve an inventive step when the document is actual to invention cannot be considered to involve an inventive step when the document is actual to invention cannot be considered to involve an inventive step when the document is actual to invention cannot be considered to involve an inventive step when the document of particular relevance the claimed invention of the invention cannot be considered to involve an inventive step when the document is ac | *                                    | Special categories of cited documents:   | ″T″                            | later document published after the international filing date or priority |  |  |  |
| filing date  "L"  "L"  "Accument which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O"  "O"  "Ocument referring to an oral disclosure, use, exhibition or other means  "P"  "Ocument published prior to the international filing date but later than the priority date claimed  "Accument of particular relevance: the claimed invention cannot be considered novel or cannot be considered  |                                      | document defining the general state of the art which is not considered to be of particular relevance | _                              | date and not in conflict with the application but cited to understa      |  |  |  |
| cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  30 March 2005  Name and mailing address of the ISA/  Swedish Patent Office  Box 5055, S-102 42 STOCKHOLM  step when the document is taken alone document is taken alone document is taken alone document is particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is aken alone document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is aken alone document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is aken alone document is aken alone document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is aken alone document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is aken alone document is aken alone document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is aken alone document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is aken alone document is aken alone document is aken alone of the supplication of the invention cannot be considered to involve an inventive step when the document is aken alone of the supplication of the invention cannot be considered to involve an inventive step when the document is aken alone of the supplication of particular relevance the claimed invention and considered to involve an inventive step when the document is accombined to involve an i | _                                    | earlier application or patent but published on or after the international filing date                | "X"                            |  |  |  |  |
| "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  30 March 2005  Name and mailing address of the ISA/  Swedish Patent Office  Box 5055, S-102 42 STOCKHOLM  Considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family  Authorized officer  Magnus Thorén/EK   | "L"                                  | cited to establish the publication date of another citation or other                                 |                                | step when the document is taken alone                                    |  |  |  |
| combined with one or more other such documents, such combination being obvious to a person skilled in the art document published prior to the international filing date but later than the priority date claimed  Date of the actual completion of the international search  30 March 2005  Name and mailing address of the ISA/  Swedish Patent Office  Box 5055, S-102 42 STOCKHOLM  Combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family  Date of mailing of the international search report  Authorized officer  Magnus Thorén/EK   |                                      | special reason (as specified)  | -Y-                            |  |  |  |  |
| The priority date claimed  "&" document member of the same patent family  Date of the actual completion of the international search  30 March 2005  Name and mailing address of the ISA/  Swedish Patent Office  Box 5055, S-102 42 STOCKHOLM  "&" document member of the same patent family  Date of mailing of the international search report  Authorized officer  Magnus Thorén/EK   | "O"                                  |  |                                | combined with one or more other such documents, such combination         |  |  |  |
| The priority date claimed  The priority date cla | "P"                                  | document published prior to the international filing date but later than                             |                                | deing obvious to a person skilled in the art                             |  |  |  |
| 30 March 2005  2 2 -04- 2005  Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM  Authorized officer  Magnus Thorén/EK  |                                      | the priority date claimed  | "&"                            | document member of the same patent family                                |  |  |  |
| Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM  Authorized officer  Magnus Thorén/EK  | Date                                 | of the actual completion of the international search   | Date                           | of mailing of the international search report                            |  |  |  |
| Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM  Authorized officer  Magnus Thorén/EK  | 20                                   | Manage 2007  |                                |  |  |  |  |
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| Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Magnus Thorén/EK  |                                      |  |                                | 2 2 -04- 2005  |  |  |  |
| Box 5055, S-102 42 STOCKHOLM Magnus Thorén/EK  | Name and mailing address of the ISA/ |  |                                |  |  |  |  |
| Box 5055, S-102 42 STOCKHOLM Magnus Thorén/EK  | Swe                                  | edish Patent Office  |                                |  |  |  |  |
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|  | racs                                 | imile No. +46 8 666 02 86  | Telephone No. + 46 8 782 25 00 |  |  |  |  |

χ See patent family annex.

Form PCT/ISA/210 (second sheet) (January 2004)

Further documents are listed in the continuation of Box C.

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International application No.
PCT/SE 2005/000024

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                         | Relevant to claim No |
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| P         | US 6681717 B2 (BURGHARDI ET AL), 27 January 2004<br>(27.01.2004), column 2, line 11 - column 3,<br>line 44 | 1-23,25,26           |
|           | <b></b>  |                      |
| A         | US 5173430 A (EDWARDS ET AL), 22 December 1992 (22.12.1992), column 1, line 46 - line 51, abstract         | 1,25,26              |
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International application No. PCT/SE 2005/000024

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| US | 5173430 | A  | 22/12/1992 | DK<br>EP<br>FI<br>GB<br>GB<br>GB<br>GB<br>GB                         | 60888<br>0278636<br>880488<br>2202637<br>2238385<br>8702734<br>8801819<br>9027519<br>880324 | A<br>A,B<br>A,B<br>D<br>D                        | 07/08/1988<br>17/08/1988<br>07/08/1988<br>28/09/1988<br>29/05/1991<br>00/00/0000<br>00/00/0000<br>00/00/0000<br>06/08/1988                             |